



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

DS

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/790,007	01/28/97	SCHELLINGER	CE01024RW01

LM02/0914

MOTOROLA INC
INTELLECTUAL PROPERTY (DCK)
600 NORTH US HIGHWAY 45
ROOM AN475
LIBERTYVILLE IL 60048-1286

EXAMINER
FROST, W

ART UNIT	PAPER NUMBER
2744	20

DATE MAILED: 09/14/98

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
08/790,007

Applicant(s)
Schellinger et al

Examiner
William Trost

Group Art Unit
2744



☒ Responsive to communication(s) filed on Jun 23, 1998

☒ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 14, 22, 27, and 28 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☒ Claim(s) 27 and 28 is/are allowed.

☒ Claim(s) 14 and 22 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2744

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 14, 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Emery et al (hereinafter Emery) in view of Schellinger.

Regarding claim 14, Emery discloses a method of updating a base station's landline telephone number (updating telephone number associated with personal base station) where a call routing equipment (ISCP 100) via a PSTN (111) is used to effect further call routing. Emery discloses reception of the assigned landline telephone number (via ANI) and the BID (preprogrammed serial number, Col. 17;60-65), where the call routing equipment finds the landline telephone number, determines if the number is equal to a previously stored landline telephone number, and updates the assigned landline telephone number to route calls to when the numbers do not match (note Col. 17;1-10 and 65-Col. 18;7, updating location for identified subscriber, where identification takes place via serial number of base station, note Col. 18;45-68, updating of location if base station moves). Emery further discloses that the base station initiates a call to the call routing equipment (automatic registration, where base dials ISCP) as well as the

Art Unit: 2744

use of ANI capabilities to provide the call routing equipment with the assigned telephone number (Col. 17;1-10). Emery fails to disclose that the base station sends to the TELCO, the assigned landline telephone number.

On the other hand, Schellinger teaches in an analogous art, a base station (115), connected to call routing equipment (117) via a public switched telephone network (111), where a base station sends the assigned landline telephone number to the TELCO, which is received by the call routing equipment (note Col. 12;13-20). As Schellinger teaches that it is known in the art to transmit an assigned landline telephone number to a call routing equipment, and Emery discloses that it is known to update a base station's stored landline telephone number, it would have been obvious to one of ordinary skill in the art at the time of the invention to include the base station's transmission of a telephone number in order to reduce the complexity of the public network by sending caller identification information from the user.

Regarding claim 22, Emery further discloses means for receiving the number and the BID (ISCP 100 receiving signals via network), means for storing information (HLR located in ISCP), and means for updating the stored number. Furthermore, the apparatus claim reads upon the corresponding method claim, and is rejected given the same reasoning as in the rejection of claim 14 above.

Art Unit: 2744

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Selby discloses a system in which a control station (such as an ISCP) receives registration requests, and if the registration message matches an already registered location, does not re-register with the control station.

4. Claims 27-28 are allowed.

5. Applicant's arguments with respect to claims 14, 22 have been considered but are moot in view of the new ground(s) of rejection.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

Art Unit: 2744

however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. **Any response to this action should be mailed to:**

Box AF

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 308-9051, (for formal communications intended for entry)


Or:

(703) 305-9508 (for informal or draft communications, please label
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,
Arlington, VA., Sixth Floor (Receptionist).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William Trost whose telephone number is (703) 308-5318. The examiner can normally be reached on Tuesday-Friday from 7:30 a.m to 5:00 p.m. The examiner can also be reached on alternate Mondays.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.



William Trost
September 8, 1998



DWAYNE D. BOST
SUPERVISORY PATENT EXAMINER
GROUP 2700